

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

February 4, 2016

Ernst Temperli
Crosswind Jerseys, Inc.
21672 482nd Avenue
Elkton, SD 57026-7223

RE: Crosswind Jerseys, Inc. Manure Management System
Revised Certificate of Compliance

Dear Mr. Temperli:

As you are aware, the department issues a Certificate of Compliance for manure management systems that have had plans and specifications approved and are constructed as designed. We have received an amended Notice of Completion for your completed animal waste management system and are issuing you a revised Certificate of Compliance.

The Certificate of Compliance is for 1,350-head of dairy cattle and 50 calves. The components included in the amended Notice of Completion consist of the piping between settling pond 2/3 and holding pond 1, a feed storage pad addition, and holding pond 2. The certificate shall remain in place until such time you change or expand your operation. Should you decide to change or expand your operation, you need to obtain approval of plans and specifications for any alternations or modifications to your manure management system. The plans and specifications have to be approved by this department prior to construction. Failure to do so will invalidate this certificate.

You have completed the requirements to obtain coverage under the general water pollution control permit for concentrated animal feeding operations (**permit number SDG-0100087**). I am conditionally granting coverage under the permit for the piping between settling pond 2/3 and holding pond 1, the feed storage pad addition, and holding pond 2. Please refer to this permit number in any future permit correspondence. You are required to operate in compliance with the terms and conditions of this permit.

Construction Inspection

The revised Certificate of Compliance and permit coverage for the new components are conditional upon the department conducting a satisfactory construction inspection.

Feed Storage Area

The revised Certificate of Compliance and permit coverage are conditional upon your engineer submitting a cross section of the expanded concrete feed storage pad. Also, during the department's June 2, 2015, operation and maintenance inspection it was noted that the feed storage area runoff holding pond had been filled in and you indicated the feed was now entirely covered. You must submit an updated, signed operation and maintenance guideline to the department that indicates all feed stored on the feed pads will remain covered. Please note if the department finds process wastewater runoff leaving the feed storage area, you may be required to contain the runoff.

Relocated Sand Storage Pad and Veterinary Area

The department has approved the relocation of the sand storage pad and a veterinary area on the north side of the southeast freestall barn. Your engineer indicates these components are not yet constructed and the dimensions and details may change. Please have your engineer submit as-built plans for the relocated sand storage pad and proposed veterinary area when they are completed.

Calf Hut Location

The plans and specifications do not indicate the location of the existing calf huts. The calf huts were originally approved to be located along the south side of the middle freestall barn (the freestall barn directly east of the milk parlor). Please have your engineer show the location of the calf huts on the plans and submit the plans to the department.

Recycle Wet Well


Your engineer indicates the proposed 12-inch PVC piping between holding pond 2 and the existing wet well will be installed in the future. Your engineer must submit a revised detail of the recycle wet well showing how the pipe is connected to the recycle wet well. If the pipe penetrates the side of the wet well, your engineer must indicate how the pipe penetration is sealed.

Buffer zones are required around land application areas. Please review the buffer zone requirements on the land application maps included with the nutrient management plan in Appendix D of the enclosed permit prior to land applying manure.

Ernst Temperli
Crosswind Jerseys, Inc.
February 4, 2016
Page 3 of 3

We would like to thank you for your cooperation in ensuring protection of our natural resources. The department encourages you to remain in compliance by properly operating and maintaining your system.

Sincerely,



Kent R. Woodmansey, PE, Engineering Manager
Feedlot Permit Program
(605) 773-3351

cc: Brian Friedrichsen, PE, Dakota Environmental Inc, Huron, SD 57350
Luke Muller, F.D.A.L.G., Watertown, SD
Brookings County Commissioners